



# INTERNATIONAL JOURNAL OF THERMAL SCIENCES

Founded as *Revue Générale de Thermique* in 1962

## AUTHOR INFORMATION PACK

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### DESCRIPTION

The *International Journal of Thermal Sciences* is a journal devoted to the publication of fundamental studies on the physics of **transfer processes** in general, with an emphasis on thermal aspects and also applied research on various processes, **energy systems** and the **environment**. Articles are published in English and French, and are subject to peer review.

The fundamental subjects considered within the scope of the journal are:

- Heat and relevant **mass transfer** at all scales (nano, micro and macro) and in all types of material (heterogeneous, composites, biological,...) and **fluid flow**
- Forced, natural or mixed **convection** in reactive or non-reactive media
- Single or multi-phase fluid flow with or without phase change
- Near- and far-field **radiative** heat transfer
- Combined modes of **heat transfer** in complex systems (for example, plasmas, biological, geological,...)
- Multiscale modelling

The applied research topics include:

- **Heat exchangers, heat pipes, cooling processes**
- **Transport** phenomena taking place in industrial processes (chemical, food and agricultural, metallurgical, space and aeronautical, automobile industries)
- Nano- and micro-technology for **energy, space, biosystems** and **devices**
- **Heat transport analysis** in advanced systems
- Impact of energy-related processes on **environment**, and **emerging energy systems**

The study of **thermophysical** properties of materials and fluids, thermal measurement techniques, inverse methods, and the developments of experimental methods are within the scope of the *International Journal of Thermal Sciences* which also covers the modelling, and numerical methods applied to thermal transfer.

### AUDIENCE

Research Workers and Engineers Involved in Thermal Sciences.

## IMPACT FACTOR

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## ABSTRACTING AND INDEXING

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### INTRODUCTION

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